

Title (en)
Implantable bio-resorbable polymer

Title (de)
Implantierbare biologisch abbaubares Polymer

Title (fr)
Polymère implantable biorésorbable

Publication
EP 2475695 A1 20120718 (EN)

Application
EP 10750132 A 20100909

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• EP 09305830 A 20090910
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Abstract (en)
[origin: EP2295480A1] The present invention relates to a polymer obtained from the polymerization of: (i) at least one monomer of formula (I) $\text{#####}(\text{CH}_2=\text{CR}_1)\text{CO-K#####}(\text{I})$ wherein: - K represents O-Z or NH-Z, Z representing $(\text{CR}_2\text{R}_3)_m-\text{CH}_3$, $(\text{CH}_2-\text{CH}_2-\text{O})_m-\text{OH}$, $(\text{CH}_2-\text{CH}_2-\text{O})_m-\text{OCH}_3$, $(\text{CH}_2)_m-\text{NR}_4\text{R}_5$ with m representing an integer from 1 to 30; - R₁, R₂, R₃, R₄ and R₅ independently represent H or a C1-C6 alkyl; and (ii) at least one bio-resorbable block copolymer cross-linker.

IPC 8 full level
C08F 290/06 (2006.01); **A61K 47/48** (2006.01)

CPC (source: EP KR US)
A61K 47/50 (2017.08 - KR); **A61K 47/58** (2017.08 - EP US); **A61K 47/6925** (2017.08 - EP US); **A61P 9/00** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **C08F 290/06** (2013.01 - KR); **C08F 290/061** (2013.01 - EP US); **C08F 290/062** (2013.01 - EP US); **C08F 299/02** (2013.01 - KR); **C08G 81/00** (2013.01 - KR); **C08L 55/005** (2013.01 - EP US); **C08L 2205/02** (2013.01 - EP US)

C-Set (source: EP US)
C08L 55/005 + **C08L 2666/24**

Cited by
US10227463B2; US11104772B2; US9688788B2; US10118980B1; US10519264B2; US11261274B2; US9938367B2; US10144793B2; US11135167B2; US11786630B2; US9907880B2; US10155064B2; US10543295B2; US10792390B2; US11857694B2; US10201632B2; US10328175B2; US10632226B2; US10729805B2; US11110198B2; US11617814B2; US11759545B2

Designated contracting state (EPC)
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EP 2295480 A1 20110316; AU 2010294246 A1 20120405; AU 2010294246 B2 20141204; BR 112012005280 A2 20201027; BR 112012005280 B1 20211005; BR 112012005280 B8 20211026; CA 2773499 A1 20110317; CA 2773499 C 20171205; CN 102597030 A 20120718; CN 102597030 B 20131106; EP 2475695 A1 20120718; EP 2475695 B1 20140402; ES 2472426 T3 20140701; IN 2064DEN2012 A 20150821; JP 2013504538 A 20130207; JP 5792729 B2 20151014; KR 101585588 B1 20160114; KR 20120099006 A 20120906; SG 179057 A1 20120427; US 2012230937 A1 20120913; US 9320804 B2 20160426; WO 2011029867 A1 20110317; ZA 201201752 B 20121128

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